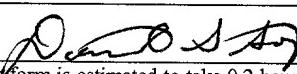


U.S. PTO

07/01

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|--|--|--|---------------------------|
| Please type a plus sign (+) inside this box → [+] | | PTO/SB/05 (11-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE | |
| Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. | | | |
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | | Attorney Docket No. 740270-2662 First Inventor David L. BUCHANAN Title FUEL INJECTOR HAVING A NOZZLE WITH IMPROVED COOLING Express Mail Label No. _____ | |
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i> | | Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231 | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> | | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | |
| 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> | | 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 25] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure | | a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies | |
| ACCOMPANYING APPLICATION PARTS | | | |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) | | | |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement | | <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney | |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> | | <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations | |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 | | 13. <input type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> | | 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> | |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | 17. <input checked="" type="checkbox"/> Other: <u>Notice to Inventor – Duty of Disclosure and Inventorship</u> | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ / _____ Prior application information: _____ Examiner _____ Group / Art Unit: _____ | | | |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | |
| 19. CORRESPONDENCE ADDRESS | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 22204 <i>(Insert Customer No. or Attach bar code label here)</i> | |
| or <input type="checkbox"/> Correspondence address below | | | |
| Name NIXON PEABODY LLP Address 8180 Greensboro Drive, Suite 800 | | | |
| City McLean | | State VA | Zip Code 22102 |
| Country United States | | Telephone (703) 790-9110 | Fax (703) 883-0370 |
| Name (Print/Type) Daniel S. Song | | Registration No. (Attorney/Agent) 43,143 | |
| Signature  | | Date | February 7, 2001 |
| Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231. | | | |

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FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

| | | | |
|--------------------------------|----------------------|---------------------|--------------------|
| TOTAL AMOUNT OF PAYMENT | (\$) 1,064.00 | Attorney Docket No. | 740270-2662 |
|--------------------------------|----------------------|---------------------|--------------------|

METHOD OF PAYMENT**FEE CALCULATION (continued)**

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

| | |
|------------------------|---------|
| Deposit Account Number | 19-2380 |
|------------------------|---------|

| | |
|----------------------|-------------------|
| Deposit Account Name | Nixon Peabody LLP |
|----------------------|-------------------|

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit Card Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|---------------------------|----------|
| 101 | 201 | 355 Utility filing fee | 710 |
| 106 | 206 | 160 Design filing fee | |
| 107 | 207 | 245 Plant filing fee | |
| 108 | 208 | 355 Reissue filing fee | |
| 114 | 214 | 75 Provisional filing fee | |

SUBTOTAL (1) (\$) **710****2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 33 | -20** = | 13 X 18 = | 234 |
| 4 | -3** = | 1 X 80 = | 80 |
| Multiple Dependent | | = | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 | 18 | 203 9 Claims in excess of 20 |
| 102 | 80 | 202 40 Independent claims in excess of 3 |
| 104 | 270 | 204 135 Multiple dependent claim, if not paid |
| 109 | 80 | 209 40 ** Reissue independent claims over original patent |
| 110 | 18 | 210 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) **314**

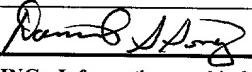
**or number previously paid, if greater; For Reissues, see above

| Complete if Known | |
|----------------------|-------------------|
| Application Number | |
| Filing Date | February 7, 2001 |
| First Named Inventor | David L. BUCHANAN |
| Examiner Name | |
| Group Art Unit | |

| 3. ADDITIONAL FEES | | | | | |
|------------------------------------|----------------------------|---|--|--------------------------|-----------|
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | | Fee Description | Fee Paid |
| 105 | 130 | 205 65 Surcharge – late filing fee or oath | | | |
| 127 | 50 | 227 25 Surcharge – late provisional filing fee or cover sheet | | | |
| 139 | 130 | 139 130 Non-English transaction | | | |
| 147 | 2,520 | 147 2,520 For filing a request for <i>ex parte</i> reexamination | | | |
| 112 | 920* | 112 920* Requesting publication of SIR prior to Examiner action | | | |
| 113 | 1,840* | 1131,840* Requesting publication of SIR after Examiner action | | | |
| 115 | 110 | 215 55 Extension for reply within first month | | | |
| 116 | 390 | 216 195 Extension for reply within second month | | | |
| 117 | 890 | 217 445 Extension for reply within third month | | | |
| 118 | 1,390 | 218 695 Extension for reply within fourth month | | | |
| 128 | 1,890 | 228 945 Extension for reply within fifth month | | | |
| 119 | 310 | 219 155 Notice of Appeal | | | |
| 120 | 310 | 220 155 Filing a brief in support of an appeal | | | |
| 121 | 270 | 221 135 Request for oral hearing | | | |
| 138 | 1,510 | 138 1,510 Petition to institute a public use proceeding | | | |
| 140 | 110 | 240 55 Petition to revive – unavoidable | | | |
| 141 | 1,240 | 241 620 Petition to revive – unintentional | | | |
| 142 | 1,240 | 242 620 Utility issue fee (or reissue) | | | |
| 143 | 440 | 243 220 Design issue fee | | | |
| 144 | 600 | 244 300 Plant issue fee | | | |
| 122 | 130 | 122 130 Petitions to the Commissioner | | | |
| 123 | 50 | 123 50 Petitions related to provisional applications | | | |
| 126 | 240 | 126 240 Submission of information Disclosure Stmt | | | |
| 581 | 40 | 581 40 Recording each patent assignment per property (times number of properties) | | | 40 |
| 146 | 710 | 246 355 Filing a submission after final rejection (37 CFR § 1.129(a)) | | | |
| 149 | 710 | 249 355 For each additional invention to be examined (37 CFR § 1.29(b)) | | | |
| 179 | 710 | 249 355 Request for Continued Examination (RCE) | | | |
| 169 | 900 | 169 900 Request for expedited examination of a design application | | | |
| Other fee (specify) _____ | | | | | |
| * Reduced by Basic Filing Fee Paid | | | | SUBTOTAL (3) (\$) | 40 |

* Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)** **40****SUBMITTED BY**

Complete (if applicable)

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Daniel S. Song | Registration No. (Attorney/Agent) | 43,143 | Telephone | (703) 790-9110 |
| Signature |  | | | Date | February 7, 2001 |

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